

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An R-T-B system rare earth permanent magnet, comprising a main phase consisting of an $R_2T_{14}B_1$ phase (wherein R represents one or more rare earth elements (provided that the rare earth elements include Y), and T represents at least one transition metal element containing, as a main constituent, Fe, or Fe and Co), and

a grain boundary phase containing a higher amount of R than said main phase,

said R-T-B system rare earth permanent magnet being a sintered body having a composition consisting essentially of 28% to 33% by weight of R, 0.5% to 1.5% by weight of B, 0.03% to 0.3% by weight of Al, 0.3% or less (excluding 0) by weight of Cu, 0.05% to 0.2% by weight of Zr, 4% or less by weight (excluding 0) of Co, 0.2% or less by weight of oxygen, and the balance substantially being Fe,

said sintered body containing a region that is rich both in at least one element selected from a group consisting of Cu, Co and R, Cu and in Zr.

2. (Original) An R-T-B system rare earth permanent magnet according to claim 1, wherein said rich region exists in said grain boundary phase.

3. (Currently amended) An R-T-B system rare earth permanent magnet according to claim 1 or 2, ~~wherein,~~ wherein said rich region is additionally rich in Co, or rich in Co and R,

and wherein with regard to the profile of a line analysis by EPMA, the peak of at least one element selected from a group consisting of Cu, Co and R is coincident with the peak of Zr peaks of Cu and Zr are coincident with the peak of Co, or with the peaks of Co and R, in said rich region.

4. (Original) An R-T-B system rare earth permanent magnet according to claim 1, wherein the amount of oxygen contained in said sintered body is 2,000 ppm or less.

5. (Canceled) An R-T-B system rare earth permanent magnet according to claim 1, wherein said sintered body has a composition consisting essentially of 28% to 33% by weight of R, 0.5% to 1.5% by weight of B, 0.03% to 0.3% by weight of Al, 0.3% or less by weight (excluding 0) of Cu, 0.05% to 0.2% by weight of Zr, 4% or less by weight (excluding 0) of Co, and the balance substantially being Fe.

6. (Currently amended) An R-T-B system rare earth permanent magnet according to claim 1, ~~wherein said sintered body has a composition consisting essentially of 25% to 35% by weight of R, 0.5% to 4.5% by weight of B, 0.02% to 0.6% by weight of Al and/or Cu, 0.03% to 0.25% by weight of Zr, 4% or less by weight (excluding 0) of Co, and the balance substantially being Fe,~~

wherein a coefficient of variation (CV value) showing the dispersion degree of Zr in said sintered body is 130 or less.

7. (Original) An R-T-B system rare earth permanent magnet according to claim 1, which satisfies the condition that, with regard to a residual magnetic flux

Appl. No. 10/675,230

Attorney Docket No. 81864.0024

Amdt. Dated April 11, 2006

Customer No.: 26021

Reply to Office Action of December 14, 2005

density (B_r) and a coercive force (H_{cJ}), $B_r + 0.1 \times H_{cJ}$ (dimensionless) is 15.2 or greater.